

CLAIMS

1. Device for removing mastic, particularly for the repair of joints in the structures of aircraft tanks, characterized in that it comprises means (26) for causing vibratory alternating movement and a tool (28) secured to these means.

2. Device for removing mastic according to claim 1, characterized in that the means (26) for causing vibratory alternating movement comprise a body (30) including a motor (32) and a mandrel (34) adapted to receive said tool (28).

3. Device for removing mastic according to claim 1 or 2, characterized in that the motor is of the pneumatic type with a vibratory frequency of 120 Hz.

4. Device for removing mastic according to claim 2 or 3, characterized in that the tool (28) comprises a shaft (36) adapted to be mounted in the mandrel (34) and a head (38) provided to be in contact with the surface to be cleared of mastic.

5. Device for removing mastic according to any one of the preceding claims, characterized in that the head is made of a material selected from polyetheretherketones, polyoxymethylenes, polyetherimides or epoxy resins.

6. Device for removing mastic according to claim 5, characterized in that the material is a polyetheretherketone loaded with carbon or glass fibers.

7. Device for removing mastic according to claim 6, characterized in that the material is a polyetheretherketone loaded with 30% of glass fibers.

5 8. Device for removing mastic according to any one of claims 4 to 7, characterized in that the head is beveled and has an angle of 30°, 45° or 60°, preferably 30°.

10 9. Container (40) comprising at least a device according to any one of the preceding claims with a stock (42) of tools, suitable flexible tubing particularly a tube (44) for connection to a source (46) of compressed air, a housing (48) for adjustment of the air pressure delivered.

15 10. Container (40) according to claim 9, characterized in that it comprises a suction system (50) with a venturi connected to the same source of compressed air supply.